

Appl. No. 09/720,230
Amendment and/or Response
Reply to Office action of 6 August 2004

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Amendments to the Specification

Please replace the Abstract of the invention with the following rewritten Abstract:

A reduction of the overall power loss in a resonance circuit is achieved by having excitation occur within excitation periods (T_{ex}) of resonation periods (T_{fre}), during which the resonance circuit is in a free running resonance mode, the excitation periods being smaller than the resonation periods, to define an excitation duty cycle (T_{ex}/T_{car}) relative to the period of a carrier signal (T_{car}) of less than 0.5. Preferably the resonance frequency (f_{res}) of the resonance circuit is higher than the carrier frequency (f_{car}) of the modulated high frequency carrier signal over a resonance frequency detuning rate (df_{res}), defined by the frequency deviation of ~~said~~the resonance frequency from ~~said~~the carrier frequency relative to the carrier frequency ($f_{res}/f_{car}-1$), substantially at most corresponding to half the excitation duty cycle.